

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. (currently amended) A method of producing a color filter, comprising the steps of:

forming a filter layer of a second color in a substrate region in which a filter element of a first color is to be formed; and

overlapping a filter layer of a third color different from said second color on said filter layer of said second color and on said substrate;

wherein two overlapping filter layers form the filter element,

wherein said filter layer of said second color is made from a dye containing photoresist, and

wherein said filter layer of a third color is made from a dye containing photoresist.

2. (original) A method of producing a color filter according to claim 1, wherein said first color is a primary color, and each of said second and third colors is a complementary color.

3. (currently amended) A method of producing a color filter according to claim 1, wherein each of said filter layers of said second color and third color is made from a dye containing positive photoresist.

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4. (original) A method of producing a color filter according to claim 1, wherein said color filter is composed of filter elements of a plurality of said first colors each of which is either of red, green and blue colors; and

wherein said filter elements of said plurality of said first colors are produced by the steps of:

forming a yellow filter layer as a filter layer of said second or third color in a region in which said filter elements of red and green colors as said first colors are to be formed;

forming a cyan filter layer as a filter layer of said second or third color in a region in which said filter elements of green and blue colors as said first colors are to be formed; and

forming a magenta filter layer as a filter layer of said second or third colors in a region in which filter elements of red and blue colors as said first colors are to be formed.

5. (original) A method of producing a color filter according to claim 4, wherein a principal pigment contained in a material for forming said yellow filter layer is an azo pigment;

a principal pigment contained in a material for forming said cyan filter layer is a copper phthalocyanine pigment; and

a principal pigment contained in a material for forming said magenta filter layer is a xanthene pigment.

6. (currently amended) A color filter comprising:

a filter layer of a second color formed in a substrate region in which a filter element of a first color is to be formed; and

a filter layer of a third color different from said second color overlapped on said filter layer of said second color and on said substrate, wherein:

wherein two overlapping filter layers form the filter element,

wherein said filter layer of said second color is made from a dye containing photoresist, and

wherein said filter layer of a third color is made from a dye containing photoresist.

a filter element of a first color, said first color filter element having a filter layer of a second color overlapping a portion of a filter layer of a third color,

wherein said first, second and third colors are different from each other,

wherein the second color layer is both in the same row as the third color layer and the second color layer is in a row above the third color layer, and

wherein said filter layer of a third color is made from a dye containing photoresist.

7. (original) A color filter according to claim 6, wherein said first color is a primary color, and each of said second and third colors is a complementary color.

8. (currently amended) A color filter according to claim 6, wherein each of said filter layers of said second color and said third color is made from a dye containing photoresist.

9. (original) A color filter according to claim 6, wherein said first color is red, and said second and third colors are yellow and magenta respectively.

10. (original) A color filter according to claim 6, wherein said first color is green, and said second and third colors are yellow and cyan respectively.

11. (original) A color filter according to claim 6, wherein said first color is blue, and said second and third colors are cyan and magenta respectively.

12. (currently amended) A solid-state imaging device comprising:

a plurality of light receiving sensor portions for photo-electric conversion, provided in a surface layer portion of a substrate; and

a color filter provided correspondingly to said plurality of light receiving sensor portions, wherein:

said color filter has a filter layer of a second color formed in a substrate region in which a filter element of a first color is to be formed, and a filter layer of a third color different from said second color overlapped on said filter layer of said second color and on said substrate,

wherein two overlapping filter layers form the filter element,

wherein said filter layer of said second color is made from a dye containing photoresist, and

wherein said filter layer of a third color is made from a dye containing photoresist.

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~~wherein said color filter has a filter element of a first color having a filter layer of a second color overlapping a portion of a filter layer of a third color, and~~

~~wherein said filter layer of a third color is made from a dye containing photoresist.~~

13. (original) A solid-state imaging device according to claim 12, wherein said first color is a primary color, and each of said second and third colors is a complementary color.

14. (original) A solid-state imaging device according to claim 12, wherein said first color is red, and said second and third colors are yellow and magenta respectively.

15. (original) A solid-state imaging device according to claim 12, wherein said first color is green, and said second and third colors are yellow and cyan respectively.

16. (original) A solid-state imaging device according to claim 12, wherein said first color is blue, and said second and third colors are cyan and magenta respectively.

17. (currently amended) A solid-state imaging device according to claim 12, wherein each of said filter layers of said second color and said third color is made from a dye containing photoresist.